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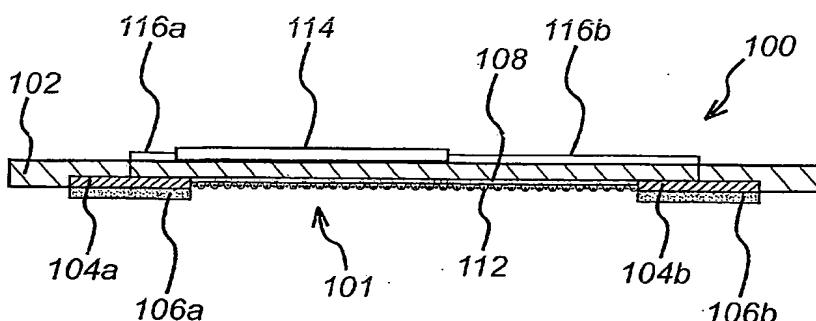
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(54) Title: DRESSING FOR TISSUE TREATMENT



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(57) Abstract: A dressing for treating damaged tissue, incorporates a pair of electrodes and a conductive gel between the electrodes. An electric current passes between the electrodes through the gel to repair the damaged tissue. Sensors can be incorporated into the dressing along with a control unit. The control unit can vary current supplied to the electrodes according to environmental parameters detected by the sensors. Alternatively, one or more pre-defined programmes can be stored in the control unit for supplying an alternating current to the electrodes with a varying amplitude, frequency and waveform.